

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-14 (canceled).

Claim 15 (previously presented): A branching filter comprising:

a transmitting filter; and

a receiving filter; wherein

piezoelectric thin film resonators including at least one piezoelectric thin film sandwiched between at least one pair of opposed electrodes are arranged in a ladder configuration on an opening or a recess of a substrate, the transmitting filter and the receiving filter being connected to an antenna terminal in parallel; and

the piezoelectric thin film resonators defining the transmitting filter and the piezoelectric thin film resonators defining the receiving filter have a different structure from each other.

Claim 16 (previously presented): The branching filter according to claim 15, wherein the piezoelectric thin film resonators defining the transmitting filter and the piezoelectric thin film resonators defining the receiving filter have different piezoelectric films.

Claim 17 (previously presented): The branching filter according to claim 16, wherein the piezoelectric film of the piezoelectric thin film resonators defining the transmitting filter includes AlN and the piezoelectric film of the piezoelectric thin film resonators defining the receiving filter includes ZnO.

Claim 18 (previously presented): The branching filter according to claim 15,

wherein the material of the electrodes is different between the piezoelectric thin film resonators defining the transmitting filter and the piezoelectric thin film resonators defining the receiving filter.

Claim 19 (previously presented): The branching filter according to claim 18, wherein the acoustic impedance of the material of the electrodes is different between the piezoelectric thin film resonators defining the transmitting filter and the piezoelectric thin film resonators defining the receiving filter.

Claim 20 (previously presented): The branching filter according to claim 18, wherein the frequency of the pass band of the receiving filter is higher than the frequency of the pass band of the transmitting filter, and the acoustic impedance of the material of the electrodes defining the receiving filter is higher than the acoustic impedance of the material of the electrodes defining the transmitting filter.

Claim 21 (previously presented): The branching filter according to claim 15, wherein the piezoelectric thin film resonators defining the transmitting filter use second harmonic waves and the piezoelectric thin film resonators defining the receiving filter use fundamental waves.

Claim 22 (previously presented): The branching filter according to claim 15, wherein the piezoelectric thin film resonators defining the transmitting filter and the piezoelectric thin film resonators defining the receiving filter further comprise a different insulating film on the opening or the recess of the substrate.

Claim 23 (previously presented): The branching filter according to claim 22, wherein the insulating film of the piezoelectric thin film resonators defining the receiving filter comprises SiO₂.

Claim 24 (previously presented): The branching filter according to claim 22, wherein the insulating film of the piezoelectric thin film resonators defining the receiving filter comprises two layers including an SiO_2 layer adjacent to the piezoelectric thin film and an Al_2O_3 layer adjacent to the SiO_2 layer.

Claim 25 (previously presented): The branching filter according to claim 22, wherein the insulating film of the piezoelectric thin film resonators defining the receiving filter comprises two layers including an SiO_2 layer adjacent to the piezoelectric thin film and an AlN layer adjacent to the SiO_2 layer.

Claim 26 (previously presented): The branching filter according to claim 22, wherein the insulating film of the piezoelectric thin film resonators defining the transmitting filter comprises two layers including an AlN layer adjacent to the piezoelectric thin film and an SiO_2 layer adjacent to the AlN layer.

Claim 27 (previously presented): The branching filter according to claim 22, wherein the insulating film of the piezoelectric thin film resonators defining the transmitting filter comprises two layers including an Al_2O_3 layer adjacent to the piezoelectric thin film and an SiO_2 layer adjacent to the Al_2O_3 layer.

Claim 28 (previously presented): A communication device comprising the branching filter according to claim 15.